



June 10, 2020

Reference No. 038443-111

Mr. Robert Thompson
Remedial Project Manager
United States Environmental Protection Agency
Region V
77 West Jackson Boulevard
Mail Code SR-6J
Chicago, Illinois
60604

Ms. Tamara McPeck
Environmental Response and Revitalization
Ohio Environmental Protection Agency
Southwest District Office
401 East Fifth Street
Dayton, Ohio
45402

Mr. Steve Renninger
On-Scene Coordinator
USEPA Region V
Emergency Response Branch
26 West Martin Luther King Drive
Cincinnati, Ohio
45268

Dear Mr. Thompson, Ms. McPeck, and Mr. Renninger:

**Re: Progress Report: May 1 through 31, 2020
South Dayton Dump and Landfill Site, Moraine, Ohio (Site)**

This Monthly Progress Report is submitted in accordance with the Administrative Settlement and Order on Consent (ASAOC) for Remedial Investigation/Feasibility Study (RI/FS) Proceeding Under Sections 104, 107, and 122 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended, 42 U.S.C. §§ 9604, 9607, and 9622 (United States Environmental Protection Agency [USEPA]) Docket No. V-W-16-C-011) effective June 11, 2016 (RI/FS ASAOC), and the ASAOC for Removal Action Proceeding Under Sections 104, 106(a), 107, and 122 of the CERCLA, 42 U.S.C. §§ 9604, 9606(a), 9607, and 9622 USEPA Docket No. V-W-13-C-010, effective April 8, 2013 (Removal Action ASAOC), for the period of May 1 through 31, 2020.

The next Progress Report for the month of June 2020 will be submitted on or before July 10, 2020.



Significant Developments in this Reporting Period

RI/FS ASAOC Developments

Activities conducted in May 2020 are summarized below:

- On May 6, 2020, GHD submitted the Risk Assessment Assumptions Document (RAAD) for agency review.
- Preparation work for field activities was conducted including property owner notifications, clearing vegetation for equipment access, underground utility clearance for new monitoring well and soil gas probe installations, and mobilization of temporary facilities for waste management.
- Drilling equipment was mobilized to the Site for installation of new monitoring wells as proposed in Section 6 of the Site Characterization Technical Memorandum for the Groundwater Investigation, dated September 30, 2019. The proposed locations are shown on Figure 6.1 (copy attached) from the SCTM groundwater report.
- Rotasonic drilling equipment was mobilized to the Site on May 11, 2020 and demobilized on May 20, 2020. Five lower aquifer monitoring well installations were completed including:
 - MW-236 on Parcel 5177 on May 12, 2020 (C-2 on Figure 6.1)
 - MW-237b on Parcel 5175 on May 13, 2020 (C-4 on Figure 6.1)
 - MW-237a on Parcel 5175 on May 14, 2020 (C-4 on Figure 6.1)
 - MW-239 on Parcel 5054 on May 14, 2020 (N-4 on Figure 6.1)
 - MW-238 on Parcel 5172 on May 15, 2020 (N-3 on Figure 6.1)
- Hollow stem auger drilling equipment was mobilized to the Site on May 26, 2020. Three upper aquifer monitoring well installations were completed including:
 - MW-240 on Parcel 5177 on May 27, 2020 (C-1 on Figure 6.1)
 - MW-241 on Parcel 5177 on May 28, 2020 (C-3 on Figure 6.1)
 - MW-242 on Parcel 5171, on May 29, 2020 (N-2 on Figure 6.1)

Removal Action ASAOC Developments

Activities conducted in May 2020 are summarized below:

- On May 26, 2020, GHD repaired the protective casings on vacuum blowers at EP-2 and EP-3 at Building 24 – Globe Manufacturing and repaired the exterior vent pipe at Building 9 (B&G Equipment and Truck Repair).
- On May 26, 2020, GHD completed an inspection of sub-slab depressurization system (SSDS), including collection of sub-slab vacuum readings, at Building 24 – Globe Manufacturing. GHD determined that the system is functioning normally.



- On May 27, 2020, GHD completed additional proficiency sampling at Building 24 – Globe Manufacturing including collection of indoor air (IA) and sub-slab (SS) samples for TO-15 laboratory analysis, including two IA samples (IA-24-B and IA-24-D), two co-located SS samples (SS-24-B and SS-24-D), and one outdoor ambient air sample.

Summaries of all Anticipated Problems and Planned Resolutions

No difficulties/delays were encountered during this reporting period. However, the COVID-19 pandemic and requirements for physical/social distancing, isolation, and quarantine could cause future temporary or long-term equipment, supply and/or personnel availability issues that could affect the project schedule. Federal, state and local orders, as well as guidance from the Centers for Disease Control and Prevention, will be reviewed and followed before any field work or in-person meetings are conducted. We will keep USEPA informed of any potential issues as the COVID-19 pandemic continues to develop and change.

Projected Work for the Next Reporting Period

- GHD will continue planning and scheduling RI/FS activities in accordance with the approved work plan. The planned activities include:
 - Continue field activities related to monitoring well installation and soil gas probe installation.
 - Review and assess November 2019 floodplain soil analytical results, and prepare technical memorandum.
 - Review USEPA comments dated March 31 (related to the groundwater investigation), and April 4 (related to soil/fill and soil gas investigation).
 - Prepare the Ecological Effects Evaluation Proposal (EEEP).
- The Respondents and USEPA On-Scene Coordinator will continue to work together to implement the VI mitigation work plan. The planned activities include:
 - Receive the analytical results from IA and SS sampling completed at Building 24 in May 2020.
 - Review USEPA comments dated April 8 (related to indoor air and sub-slab soil gas results).
 - Quarterly SSDS inspections including collection of sub-slab vacuum readings.



Should you have any questions on the above, please do not hesitate to contact us.

Sincerely,

GHD

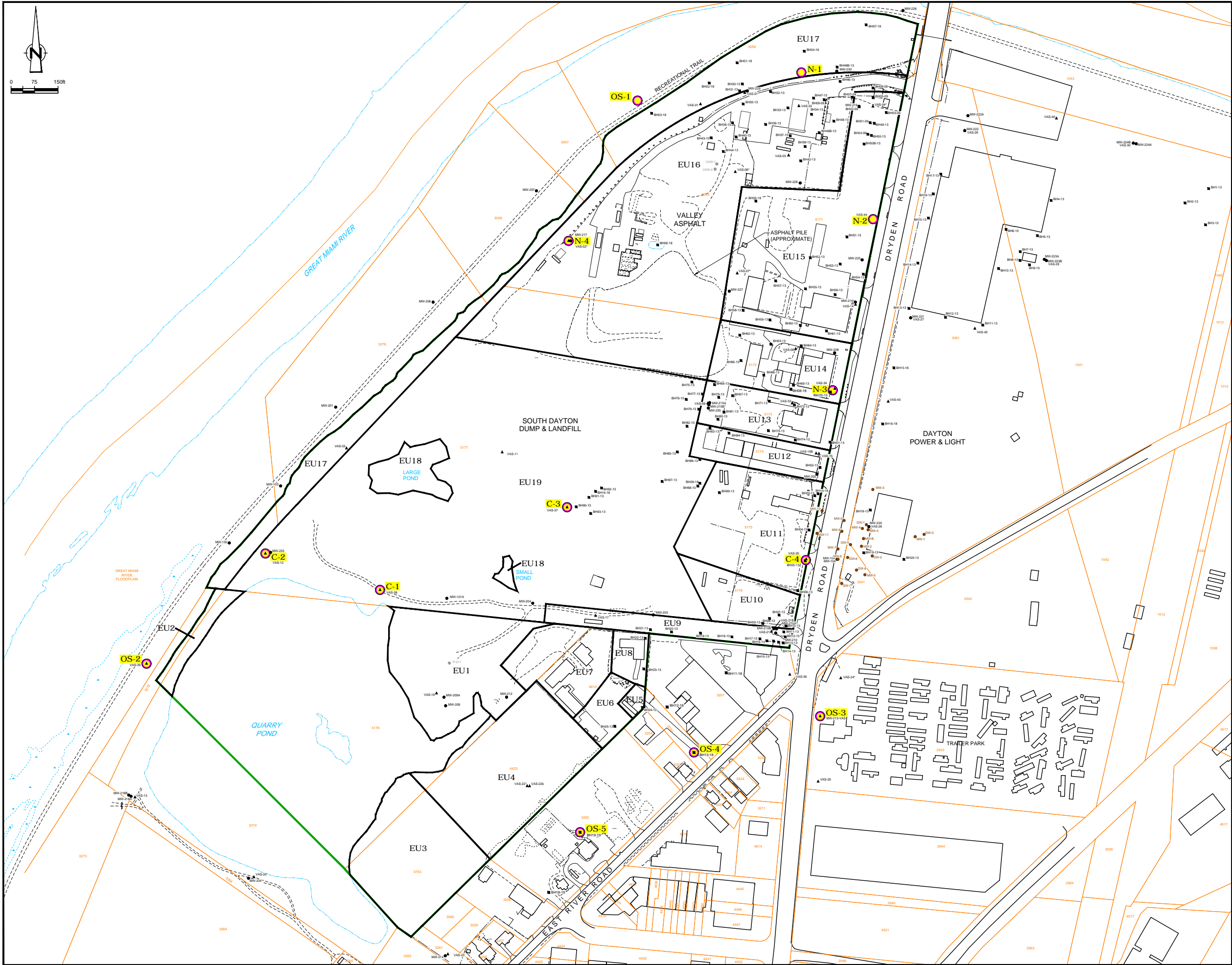
A handwritten signature in blue ink that reads "Julian Hayward". The signature is written in a cursive, flowing style.

Julian Hayward

JH/kf/5

cc: (all by pdf) Scott Glum, Ohio EPA
Ken Brown, ITW
Bryan Heath, NCR
Wendell Barner, Barner Consulting
Jim Campbell, EMI
Andrew Dorn, ITW
Scott Blackhurst, Kelsey Hayes Company
Michael Hughes, Neal, Gerber & Eisenberg
Wray Blattner, Thompson Hine
Larry Silver, Langsam Stevens Silver & Hollaender
Tim Hoffman, Dinsmore & Shohl
Brooke Harris, Jacobs
Valerie Chan, GHD

Attachment 1
Figure 6.1 from SCTM Groundwater Report
(September 30, 2019)



Nº	Revision	Date	Initial

LEGEND

- EDGE OF WATER
- PARCEL BOUNDARY
- 3224
- OPERABLE UNIT ONE (OU1) BOUNDARY (APPROXIMATE)
- EXPOSURE UNIT
- MONITORING WELL LOCATION
- ABANDONED WELL LOCATION
- HISTORIC DP&L MONITORING WELL LOCATION
- BOREHOLE LOCATION
- VERTICAL AQUIFER SAMPLING LOCATION
- PIEZOMETER LOCATION
- VAS LOCATION COMPLETED TO 70 FEET BELOW GROUND SURFACE OR LESS
- PROPOSED WELL LOCATION
- N - NORTHERN AREA
- C - CENTRAL AREA
- S - SOUTHERN AREA
- OS - OUTSIDE OU1

NOTE:
This drawing shows locations where a soil sample was submitted for chemical analysis.

SCALE VERIFICATION

THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

Approved

Status	Date	Initial

SOUTH DAYTON DUMP AND LANDFILL SITE
Moraine, Ohio

PROPOSED MONITORING WELL LOCATIONS

Source Reference:

Project Manager:	Reviewed By:	Date:
		SEPTEMBER 2019
Scale:	Project Nº:	Report Nº:
1:150	38443-360	035
		Drawing Nº:
		figure 6.1